

IN THE CLAIMS

1 (currently amended). A device for spreading large dry particulate matter, ~~consisting of but not limited to lawn fertilizer, grass seeds and lawn nutrients, over a large area of ground~~ comprising: ~~[[of]]~~

(a.) a main elongate tube of approximately eight to ten inches in diameter and seven to ten inches in length;

(b.) a secondary smaller diameter tube one and one-half to two inches in diameter affixed to the main tube at a sixty degree angle to the perpendicular of the main tube and contiguous with the main tube; and

(c.) a means for controlling the volume of material dispensed, located on the secondary tube and upstream of a connection point of the main tube and the secondary tube,

(d.) ~~a means of attachment to~~ wherein an intake of end is for connecting to a means for providing high velocity forced airflow through a hollow interior of the main tube resulting in the broadcasting or spreading of the desired particulate matter that is received from a particulate flow in the secondary tube and combined with the high velocity forced airflow

(e.) so that ~~particulates~~ particulate flowing through the secondary tube and the main tube do not engage with the means for providing high velocity forced airflow ~~pass through the blower intake and bypass the impeller blades~~ thereby resulting in little or no damage to the material broadcast over an ~~[[the]]~~ area of ground.

2(new). A broadcast spreader attachment apparatus, comprising:

a main tube having an intake end and a discharge end;

a secondary tube connected to the main tube;

a material flow control connected to the secondary tube; and

a control knob connected to the material flow control.

3(new). The apparatus as claimed in Claim 2 wherein the main tube and the secondary tube are generally cylindrical with hollow centers.

4(new). The apparatus as claimed in Claim 3 wherein the hollow centers of the main tube and the secondary tubes are in fluid communication.

5(new). The apparatus as claimed in Claim 4 wherein the main tube has a diameter larger than the diameter of the secondary tube.

6(new). The apparatus as claimed in Claim 2 wherein the intake end of the main tube is for attachment to an external source of high velocity forced airflow.

7(new). The apparatus as claimed in Claim 6 wherein a hollow interior of the main tube received the high velocity forced airflow.

8(new). The apparatus as claimed in Claim 7 wherein a hollow interior of the secondary tube is in fluid communication with the hollow interior of the main tube.

9(new). The apparatus as claimed in Claim 8 wherein the secondary tube is connected to the main tube at an angle with respect to the direction of the high velocity forced airflow.

10(new). The apparatus as claimed in Claim 9 wherein the secondary tube includes a particulate matter flow.

11(new). The apparatus as claimed in Claim 10 wherein the particulate matter flow and the high velocity forced air flow are combined adjacent the connection point of the main tube and the secondary tube.

12(new). The apparatus as claimed in Claim 11 wherein the flows are combined through fluid mechanical forces, wherein the high velocity forced airflow applies a pulling force on the particulate flow.

13(new). The apparatus as claimed in Claim 12 wherein the fluid mechanical forces include the venturi effect.

14(new). The apparatus as claimed in Claim 2 further comprising a flexible discharge hose connected to the discharge end of the main body and for varying the discharge direction of the mixed flows.

15(new). The apparatus as claimed in Claim 14 further comprising a direction control rod connected to the flexible discharge hose and for providing a force on the flexible discharge hose to vary the discharge direction.

16(new). The apparatus as claimed in Claim 2 further comprising a hopper connected to an end of the secondary tube upstream from the main tube.

17(new). A broadcast spreader attachment apparatus, comprising:

- a main tube having a diameter, a hollow interior for supporting an forced airflow and having an intake end and a discharge end;

- a secondary tube having a diameter less than the diameter of the main tube creating a diameter differential for varying the flow rate between the main tube and secondary tube, the secondary tube being connected to the main tube;

- a particulate flow control connected to the secondary tube and upstream from the connection point of the main tube and secondary tube for further varying a flow differential between the main tube and secondary tube be effectively changing the diameter of the secondary tube through which the particulate flows;

a control knob connected to the material flow control for varying the effective diameter;

means for providing a airflow in the main tube;

means for providing a particulate flow in the secondary tube; and

means for creating a combined flow of the airflow and the particulate flow.

18(new). The apparatus as claimed in Claim 17 wherein the means for providing a airflow in the main tube is a leaf blower.

19(new). The apparatus as claimed in Claim 17 wherein the means for providing a particulate flow in the secondary tube is a hopper.

20(new). The apparatus as claimed in Claim 17 further comprising means for controlling the direction of broadcast of the combined airflow and particulate flow.